

**From:** [Delgado, Eric](#)  
**To:** [Rauscher, Jon](#)  
**Subject:** Fw: Conversion of ASPECT concentration data  
**Date:** Thursday, April 18, 2013 9:43:32 AM  
**Attachments:** [H18D1305\\_ammonia\\_all\\_scans\\_convert.xls](#)

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**From:** Mark Thomas  
**Sent:** Thursday, April 18, 2013 8:54:32 AM  
**To:** Webster, Susan; Foster, Althea; Hayes, Mark; tim curry; Paul Kuda; John Cardarelli; Delgado, Eric  
**Subject:** Conversion of ASPECT concentration data

All,

While working up the concentration data I noticed that I specified the concentration last night as 60 to 100 ppm which is correct but it is integrated to a 1 meter path length. The volumetric concentration, which is what we normally measure with point detectors, is about a factor 10 less. So the volumetric concentration will be 6 to 10 ppm by volume.

I have looked at all of the detections and the raw data and have found that the highest concentration was about 6 ppm volumetric. Please find attached an excel file listing all of the detections made last night. I have listed both the integrated data (ppm\*M) and the volumetric (ppm). Please note that our volumetric detection limit is about 2 ppm.

I am in the process of reworking the report and this information will be incorporated into the next draft.